

1. (Original) A method for lifting and moving a run of shelving having a plurality of shelving units placed in side-by-side relation, said method comprising:

positioning a frame structure about the run of shelving, said frame structure having a first frame section having wheels for supporting and moving said first frame section on a floor surface, a second frame section being in substantially vertically moveable assembly with said first frame section and a plurality of lift elements being supported by said first frame section and providing for support and substantially vertical lifting of said movable frame section;

establishing lifting engagement of said movable frame section with the run of shelving;

simultaneously imparting lifting actuation to said plurality of lift elements for lifting of said movable frame section and the shelving engaged thereby;

moving said frame structure and the run of shelving supported thereby on said wheels to a desired location; and

simultaneously imparting lowering actuation to said plurality of lift elements for lowering of said second frame section and lowering of the run of shelving to the floor surface.

2. (Original) The method of claim 1, wherein said plurality of lift elements are fluid energized lift elements and a controllable pressurized fluid supply is in communication with each of said fluid energized lift elements, said method comprising:

causing lifting actuation of said controllable fluid supply for simultaneous communication of pressurized fluid from said controllable fluid supply to each of said fluid energized lift elements for simultaneous expansion of each of said fluid energized lift elements for lifting of said second frame section and the shelving engaged thereby;

and when lower of the shelving is desired, causing lowering actuation of said controllable fluid supply for simultaneous bleeding of pressurized fluid from each of said fluid energized lift elements to permit lowering of said second frame section and the shelving supported thereby.

3. (Original) The method of claim 1, wherein said plurality of lift elements are pneumatic pressure energized expandable and contractable lift elements and a source of pressurized gas is supported by said first frame section supply, and at least one supply manifold line extends from said source of pressurized gas and a plurality of individual gas supply lines are in communication with said supply manifold and with each of said fluid energized lift elements, said method comprising:

causing lifting actuation of said controllable source of pressurized gas supply for simultaneous communication of pressurized gas from said controllable source of pressurized gas to each of said fluid energized lift elements for simultaneous expansion of each of said pneumatic pressure energized lift elements for lifting of said second frame section and the run of shelving engaged thereby;

and when lower of the shelving is desired, causing lowering actuation of said controllable source of pressurized gas for simultaneous bleeding of pressurized gas from each of said pneumatic pressure energized lift elements to permit lowering of said second frame section and the run of shelving supported thereby.

4. (Original) The method of claim 1, wherein said plurality of lift elements are pneumatic pressure energized expandable and contractable flexible bladder type lift elements each having an internal gas chamber and a container of pressurized gas is supported by said first frame structure and has a pressure regulator for gas pressure control and control valving for controllably admitting pressurized gas simultaneously to each of the expandable and contractable flexible bladder type lift elements, said method comprising:

causing lifting actuation of said control valving for injection of pressurized gas into said plurality of bladder type lift elements for simultaneous expansion of each of said pneumatic bladder type pressure energized lift elements for lifting of said second frame section relative to said first frame section and for lifting the run of shelving engaged by said second frame section;

and when lowering of the run of shelving is desired, causing lowering actuation of said control valving for simultaneous bleeding of pressurized gas from each of said plurality of pneumatic bladder type lift elements to permit weight induced deflation thereof for lowering of said second frame section relative to said first frame section and for lowering the run of shelving supported thereby.

5. (Previously Presented) The method of claim 1, wherein guide assemblies provide guiding relation of said second frame structure relative to said first frame structure, said method comprising:

during lifting and lowering movement of said second frame structure, causing guiding of said second frame structure relative to said first frame structure to ensure even lifting and lowering of said second frame section relative to said first frame section and for simultaneous raising and lowering all of the shelving units making up the run of shelving supported thereby.

6. (New) A method for lifting and moving a run of shelving having a plurality of shelving units placed in side-by-side relation, said method comprising:

- providing said plurality of shelving units separated by a respective vertical member extending across the width between adjacent shelving units;
- providing a pair of spaced-apart vertical posts;
- providing a pair of horizontal structural members having an adjustable length;
- connecting said pair of spaced-apart vertical posts with said pair of horizontal structural members by adjusting a separation of said pair of horizontal structural members based on said adjustable length;
- coupling a pair of roller assemblies to a base portion of said respective pair of spaced-apart vertical posts;
- forming an opening within a roller support plate of said roller assembly for connecting a wheel to said base portion of said vertical post;
- extending a pair of transverse bars in a direction along the width of said shelving unit and said respective vertical member; and
- coupling said transverse bars to a top surface of and substantially orthogonal to an upper horizontal structural member, said upper horizontal structural member for connecting an upper region of said pair of spaced apart vertical posts.

7. (New) The method of claim 6, further comprising:  
said providing said plurality of shelving units including;  
forming an indentation in an upper portion of said vertical member,  
extending a pair of vertical flanges from a respective opposing side of said run  
of shelving adjacent to a base portion of said run of shelving,  
forming internal guide channels within said vertical posts;  
extending a vertical flange from said roller support plate; and  
forming a protrusion within an inner side of said transverse bars.
8. (New) The method of claim 7, further comprising:  
positioning said shelving unit on said shelving lift and movement system including;  
contacting at least a portion of said base portion of said run of shelving with  
said roller support plates, and  
engaging the pair of flanges extending from said base portion of said run of  
shelving with the pair of flanges vertically extending from the pair of roller plates.
9. (New) The method of claim 8, wherein said positioning of the shelving unit on  
said shelving lift and movement system includes:  
positioning one shelving unit between said pair of spaced-apart vertical posts;  
positioning said transverse bars such that a respective transverse bar is coupled to a  
top surface of and orthogonal to said upper horizontal structural member, with a proximate  
separation between said protrusion of said transverse bar and said indentation in said upper  
portion of the vertical member.

10. (New) The method of claim 9, further comprising:

adjusting said adjustable length of said horizontal structural members such that the protrusion of said transverse bars is securably engaged into said indentation of said vertical member.

11. (New) The method of claim 10, further comprising:

coupling a plurality of lifting devices to said upper horizontal structural member and adjacent to said vertical posts;

simultaneously activating said lifting devices upon said securably engaging the protrusions into the indentations, said simultaneously activating of said lifting devices to simultaneously lift said run of shelving from a ground surface;

moving said shelving lift and movement system using the wheels to a subsequent location; and

simultaneously deactivating said lifting devices to simultaneously lower said run of shelving to the ground surface at said subsequent location.

12. (New) A method for lifting and moving a run of shelving having a plurality of shelving units placed in side-by-side relation, comprising:

providing a pair of spaced-apart vertical posts, said vertical posts having internal guide channels;

providing a pair of horizontal structural members having an adjustable length, said pair of horizontal structural members being configured to connect said pair of spaced apart vertical posts, said pair of horizontal structural members being configured to securably engage to said run of shelving;

coupling a pair of roller assemblies to a base portion of said respective pair of spaced-apart vertical posts, including;

forming an opening within a roller support plate of said roller assembly;

connecting a wheel to said base portion of said vertical post through said opening of the roller support plate;

coupling a plurality of lifting units to a base of said pair of horizontal structural members, said plurality of lifting units being configured to lift said run of shelving upon receiving pressurized fluid;

supporting a pressurized fluid source by said roller support plate, said pressurized fluid source provided with a pressure regulator and an actuating valve;

simultaneously communicating said pressurized fluid to the plurality of lifting units to simultaneously lift the run of shelving upon said actuating valve being in a lifting position; and

simultaneously removing said pressurized fluid from said plurality of lifting units to simultaneously lower the run of shelving upon said actuating valve being in a lowering position.

13. (New) The method of claim 12, wherein said plurality of lift units are a plurality of flexible rubber bladders;

said simultaneously communicating of said pressurized fluid to said flexible rubber bladder includes simultaneously expanding of said flexible rubber bladders based on the received pressurized fluid;

said simultaneously removing of said pressurized fluid from said flexible rubber bladder includes simultaneously contracting of said flexible rubber bladders based on the removed pressurized fluid.

14. (New) The method of claim 13, further comprising:  
positioning an upper plate along an upper surface of the plurality of lift units;  
positioning a lift plate between said upper plate and said base of the pair of horizontal structural members; and

simultaneously imparting an upward force to said lift plate to simultaneously lift said horizontal structural members and said run of shelving upon receiving said pressurized fluid.